



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/519,763	07/20/2005	Nils Paulsen	006628.00002	5368
22908 7590 08/27/2007 BANNER & WITCOFF, LTD. TEN SOUTH WACKER DRIVE SUITE 3000 CHICAGO, IL 60606			EXAMINER NGUYEN, HUNG T	
			ART UNIT 2612	PAPER NUMBER
			MAIL DATE 08/27/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

5

Office Action Summary	Application No. 10/519,763	Applicant(s) PAULSEN, NILS	
	Examiner HUNG T. NGUYEN	Art Unit 2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 July 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 July 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

1. on page 1, line 23, "the tern" will be changed to --the term-- after "in the following,";

Applicant need to **review** the Specification and make correction as needed.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over James et al. WO 01/39222 in view of Mayer et al. (U.S. 4,853,690).

Regarding claims 1-11, James discloses a security system as emergency gas (30), fires, earthquake and electricity shutoff equipment and control system (25) therefor which is installed inside a house (26) [figs. 3, page 2, field of invention, page 3, summary and page 4, lines 15-24 and page 11 and abstract] comprising:

- multi of detectors (30) as fire, CO sensor, gas, smoke, earthquake are mounted to predetermined location inside the house (26) to detect security condition (30) / overheat & over temperature ambient air [fig.3, page 11, lines 20-22];

Art Unit: 2612

- a pressure sensor (34) coupled with valve (10) to detect abnormal of the gas system [page 14, lines 12-16 and page 15, lines 11-14];
- electricity is supply to the security system (30) [fig.3, page 11, lines 9-10, lines 15-18 and page 13, lines 17-22];
- a controller (25) coupled with the detectors (30), (34) and control powering of the valve (10) and shutoff the valve in dangerous / abnormal condition [figs.3-4, page 11, lines 11-22 and page 13, lines 14-22 and page 14, lines 1-2];
- alarm signal is activated when detectors (30) & (34) as fire alarm, gas, smoke, CO sensor, earthquake and to detect abnormal conditions & abnormal pressures has been programmed [page 11, lines 15-22].

The reference of James does not specifically mention exactly terms as “over pressure of air is set up inside the habitat” as claimed by applicant.

However, James does teach multi of detectors (30) as fire, gas, smoke, CO sensor, earthquake to detect security condition (30) / heat or fires will cause over temperature in the habitat / ambient air [fig.3, page 11, lines 20-22];

- the detectors (30) & (34) as fire alarm, gas, smoke, CO sensor, earthquake and to detect abnormal conditions & abnormal pressures has been programmed / to monitor overheat & over temperature ambient air [page 11, lines 15-22]; and
- the pressure sensor (34) coupled with valve (10) to detect abnormal of the gas system [page 14, lines 12-16 and page 15, lines 11-14];

Furthermore, Mayer recites a function of a device for tracking / securing an area monitoring air pressure / overpressure. This change in pressure will be activated an alarm [col.1, lines 6-22 and abstract].

Therefore, it would have been obvious to one having ordinary skill in the art to have the teaching of Mayer includes overpressure is generated and maintained in the monitored space / area in the system of James to monitor & determine the overpressure of air inside the habitat.

Arguments & Responses

4. Applicant's argument filed on 07/03/2007 have been fully considered but they are moot in view of the new ground(s) of rejection.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP j 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

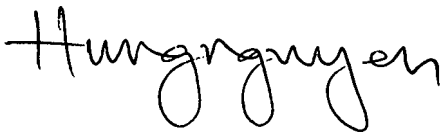
shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung T. Nguyen whose telephone number is (571) 272-2982. The examiner can normally be reached on Monday to Friday from 9:00 am to 6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hofsass, Jeffrey can be reached on (571) 272-2981. The fax phone number for this Group is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-4700.

**HUNG NGUYEN
PRIMARY EXAMINER**

A handwritten signature in cursive script, appearing to read 'Hungnguyen', written in black ink.

Examiner: Hung T. Nguyen

Date: Aug. 22, 2007